

Listing of Claims:

1. (Currently Amended) An admission control method for handling bearer requests in a cellular telecommunications network that supports bearers ~~that are allowed to comprise~~ controllable load components in addition to non-controllable traffic load components, ~~characterized in that it comprises sequentially~~ the method comprising the sequential steps of:

[[-]] testing a bearer request with a first kind of test of a first kind (305, 415) that sets criteria for non-controllable traffic load components in an ~~an~~ essentially a similar way for all bearer requests upon an occurrence of the admission control of requests for bearers that are allowed to comprise controllable load components and non-controllable load components [[,]]; and

[[-]] ~~testing~~ said bearer request ~~is tested~~ with a second kind of test of a second kind (310, 405);

wherein said first kind of test of a first kind (310, 405) monitors bearers that present to the network a non-controllable load component which exceeds a predefined threshold, and the admission (315, 420) of said bearer request to the network depends on ~~the~~ results of both said first kind of test of a first kind (305, 415) and said second kind of test of a second kind (310, 405).

2. (Currently Amended) ~~Admission~~ The admission control method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said first kind of test of a first kind (305, 415) is based on statistical properties (110, 115, 120) of bearers.

3. (Currently Amended) ~~Admission~~ The admission control method ~~according to~~ of claim 1, ~~characterized in that in~~ wherein during said second kind of test of a second kind (310, 405) ~~the~~ a number (260, 265) of currently existing high load bearers is compared (270) to a predefined threshold.

4. (Currently Amended) ~~Admission~~ The admission control method ~~according to~~ of claim 1, ~~characterized in that in~~ wherein during said second kind of test of a second kind (310, 405) ~~the~~ a sum of bit rates of currently existing high load bearers and of ~~the~~ a requested bearer is compared to a predefined threshold.

5. (Currently Amended) ~~Admission~~ The admission control method ~~according to~~ of claim 1, ~~characterized in that the wherein an~~ admission criteria of said second kind of test of a first kind (415) are changed (410) according to the results of said second kind of test of a second kind (405).

6. (Currently Amended) ~~Admission~~ The admission control method ~~according to~~ of claim 5, ~~characterized in that wherein an~~ admission threshold of said first kind of test of a first kind (305, 415) is changed by a predefined step, if there is at least one high load bearer exists already.

7. (Currently Amended) ~~Admission~~ The admission control method ~~according to~~ of claim 6, ~~characterized in that an~~ admission threshold of said first kind test of a first kind (305, 415) is changed by a second predefined step for each high load bearer existing already.

8. (Currently Amended) ~~Network~~ A network element (520) for a cellular telecommunications network that supports bearers that are allowed to comprise controllable load components in addition to non-controllable traffic load components, ~~characterized in that the~~ element ~~comprises~~ comprising:

[[-]] means (521, 522, 523) for testing a bearer request ~~according to a~~ based on a first kind of test of a first kind that sets criteria for non-controllable traffic load components in ~~an essentially a~~ similar way for all bearer requests, and for producing a first test result[[,]], said means being adapted to handle requests for bearers that are allowed to comprise controllable and non-controllable load components;

[[-]] means (521, 522, 524) for sequentially testing a bearer request[[,]], sequentially with said first kind of test of a first kind, ~~according to based on a~~ second kind of test of a second kind that monitors bearers that present to the network a non-controllable load component which exceeds a predefined threshold, and for producing a second test result[[,]]; and

[[-]] means (521, 522, 525) for deciding ~~about whether admission of the~~ whether admission of the bearer should be admitted to the network based on the basis of said first and second test results.

9. (Currently Amended) ~~Network~~ The network element (520) for a cellular telecommunications network ~~according to~~ of claim 8, ~~characterized in that~~ wherein the network element is a radio network controller.